

3 1/2 DIGIT PANEL METER WITH PLUG-IN OPTION BOARDS



MODEL 2600

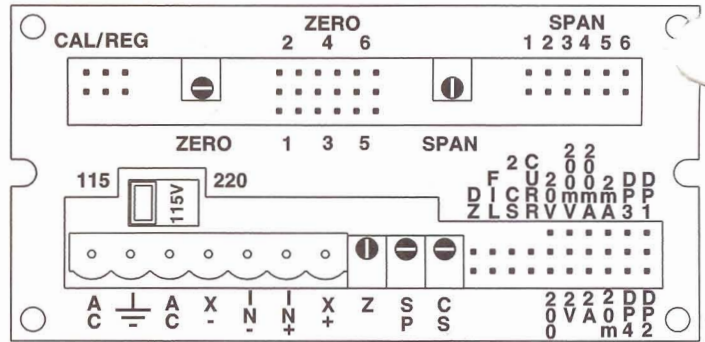
FEATURES

- Dummy zero for 4 1/2 digit display
- Splash proof bezel with panel gasket seal
- Process volts option board
- Process current option board, 4-20mA or 10-50mA
- RMS AC option board
- Excitation option for transducer (24 VDC)
- TRMS AC option board
- Fast/Slow filter select
- All option boards easily installed
- Base unit is multi-range 3 1/2 digit voltmeter or current meter
- All range and decimal point selection easily accessible on the rear
- Standard 1/8 DIN short depth (3.8") case
- 115/230 switch selectable power
- Removable screw terminal connector block
- DC power options
- Process current loss indication

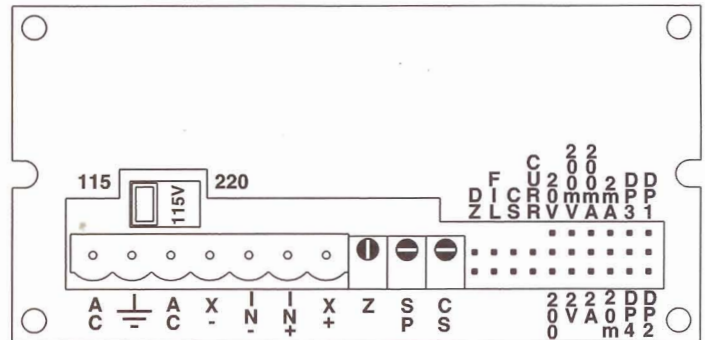
SERIES 2600

The Series 2600 is a new low cost 3 1/2 Digit Panel meter which uses the mother/daughter board concept to produce a multi-function meter. All option boards are plug in type, no soldering required, and range programming is done with solderless jumpers on the rear. Fine calibration is done with two potentiometers on the rear and coarse calibration is done with solderless jumpers on the rear. All decimal points and the dummy zero are programmable via solderless jumpers on the rear of the unit. Ease of programming and function change using the daughter board concept makes the 2600 a unit that can be stocked by the OEM and easily adapted for various functions. Bezel and scratch resistant lense are sealed to meet requirements of NEMA 4 and supplied with gasket to seal unit to panel.

REAR VIEW WITH OPTION BOARD INSTALLED



REAR VIEW WITHOUT OPTION BOARD INSTALLED



SPECIFICATIONS

Base Unit: DC volts/DC current

Display: 4 1/2 digit .56" LED with Polarity and three decimal points (±1.9.9.90)

Accuracy: .05% of reading ± one LSD. Temperature coefficient ±.015% of full scale per degree Celsius

Input Impedance: 1 MEG ohm (voltage)

.1 ohm to 100 ohms (current)

Input Voltage Ranges:

- 0 - 199.9mV
- 0 - 1.999V
- 0 - 19.99V
- 0 - 199.9V

Input Current Ranges:

- 0 - 1.999mA
- 0 - 19.99mA
- 0 - 199.9mA
- 0 - 1.999 Amps

Fine Span Adjustment: ±5%

Fine Zero Adjustment: ±5%

Roller Error: (Difference between plus and minus readings) 2 counts maximum, typically 1 count

Input Configuration: Single ended bipolar

Power: 115 or 230 VAC, ± 10% at 47 to 400Hz (switch selectable)

Operating Temp Range: -20°C to +60°C

Storage Temp Range: -40° to +85°C

Mechanical: 1/8 din short depth aluminum case (4.0") with ABS bezel and gasket for NEMA 4 rating. Case size "D" refer to page 39.

I/O Terminations: Pluggable screw terminal block

Conversion Rate: 2 1/2 times per second

Fast/Slow Filter Select: Jumper on rear adds filter circuit to reduce response time for step input from 1 second to 10 seconds.